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UTILITY PATENT APPLICATION **TRANSMITTAL**

2557-000170/US Attorney Docket No.

First Inventor Gun-Ok JUNG and Sung-Bae PARK

FREQUENCY MULTIPLIER CAPABLE OF ADJUSTING DUTY CYCLE OF A CLOCK AND METHOD USED THEREIN Title

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Express Mail Label No.

							Commi	issione	er for Patents		
APPLICATION ELEMENTS						ADDRESS TO: Box Patent Application					
See MPEP c	hapter 600 conce	ming utility patent	application c	ontents.	Alexandria, VA 22313-1450						
		Form (e.g., PTC			7. CD-ROM or CD-R in duplicate, large table or						
		d a duplicate for fee small entity sta			Computer Program (Appendix)						
_	ipplicant claims See 37 CFR 1.2	•	ius.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
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	preferred arranger Descriptive title of	ment set forth belo	ow)			cification Se					
	Cross References	s to Related Applic] CD-ROM (] paper	or CD-H (2	copie	s), or		
		ding Fed sponsore uence listing, a tat					verifying id	lentity	of above copies		
	or a computer pro	gram listing apper			ACCOMPANYING APPLICATIONS PARTS						
	Background of the Brief Summary of				9. 🛛	Assignmen	nt Papers (d	cover	sheet & document(s))		
- 1	Brief Description	of the Drawings (if filed)		10.	37 C.F.R.§					
	Detailed Descripti Claim(s)	ion			'''	(when ther					
	Abstract of the Di	sclosure			11. 🗆	English Translation Document (if applicable)					
4. D D 5. Oath or D	rawing(s) (35 U	J.S.C.113)		3	12. 🛛	☐ Information Disclosure ☐ Copies of IDS Statement (IDS)/PTO-1449					
	Newly execute	od (original)		اتا	13. 🔲	Preliminary	y Amendme	ent			
	•	rior application (37 CER 1 6	3 (4))	14. 🛛	_					
٠. ا		tion/divisional w			57	(Should be specifically itemized)					
. [_,	OF INVENTO		, o, , , p. o. o. o. o	15. 🔀	 Certified Copy of Priority Document(s) (if foreign priority is claimed) 					
	Signed stateme	nt attached deletin	ng inventor(s)		16. Request and Certification under 35 U.S.C. 122						
	named in the pr 1.63(d)(2) and 1	ior application, sed	e 37 CFR		(b)(2)(B)(i). Applicant must attach form PTO/SB/35						
6. App		heet. See 37 C	FR 1.76		17. 🗆	or its equiv Other:					
			Outer.	_							
18. If a CON	TINUING APPLIC	CATION, check a	ppropriate bo	ox, and supply	the requisit	e informatior	n below and	in a p	reliminary amendment,		
	_	eet under 37 CF									
☐ Conti		Divisional		nuation-in-part	(CIP)		or application p / Art Unit: _		/		
	Dication information			e disclosure c	f the prior a				or declaration is supplied		
under Box 5	b. is considered	a part of the disc	closure of th	e accompanyi	na or division	onal applicat	ion and is h	ereby	incorporated by reference.		
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS											
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Address	P.O. Box 891	0									
Audress											
City	Reston	VA		Zip Code		20195					
Country	United States	of America	Teleph	one	703-668-8	000	Fax		703-668-8200		
Name (Pri	int/Type)	John A. Past	R1997///		Registration No. (Attorney/Agent) 35,094						
Signature						Date September 5, 2003					

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FEE TO ANGMITTAL	,	Complete if Known	
FEE TRANSMITTAL for FY 2003	Application Number	New Application	
101 1 1 2003	Filing Date	September 5, 2003	
	Inventor(s)	Gun-Ok JUNG et al.	
Patent fees are subject to annual revision.	Examiner Name	Unknown	
	Group / Art Unit	Unknown	
UNIT OF BANKAFART (A) 700.00	5	2557-000170/LIS	

METHOD OF PAYMENT (check one)							FEE CALCULATION (continued)					
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:				3. A	DDITIONAL Large Entity	. FEES						
Deposit Account 08-0750				Fee Code	Fee	Fee Code	Fee (\$)	Fee Description	Fe Pal			
Num		08-04	/50				105	130	205	65	Surcharge - late filing fee or oath	
							127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
Depo		Harne	ess, Dicl	key & Pierce, P	L.C.		139	130	139	130	Non-English specification	
Account Harness, Dickey & Pierce, P.L.C. Name						147	2,520	147	2,520	For filing a request for reexamination		
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17						112	920*	112	920*	Requesting publication of SIR prior to Examiner action		
	See 37 (t claims si CFR 1.27		ty status.			113	1,840*	113	1,840	Requesting publication of SIR after Examiner action	
2. 🛛	Payme	ent Enclo	sed:				115	110	215	55	Extension for reply within first month	
☑ Check ☐ Credit card ☐ Money ☐ Other Order						116	410	216	205	Extension for reply within second month		
			FFF C	ALCULATION			117	930	217	465	Extension for reply within third month	
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Large	Entity	Small	Entity				128	1,970	228	985	Extension for reply within fifth month	
Fee	Fee	Fee	Fee	Fee Descripti	on	Con Dale	119	320	219	160	Notice of Appeal	
Code	(\$)	Code	(\$)	I lailia . filiam faa		Fee Pald	7 120	320	220	160	Filing a brief in support of an appeal	
101	750	201	375	Utility filing fee	_	750.00	121	280	221	140	Request for oral hearing	
106 107	330 520	206 207	165 260	Design filing fee Plant filing fee	0		138	1,510	138	1,510	Petition to institute a public use proceeding	
108	750	208	375	Reissue filing	ee		140	110	240	55	Petition to revive - unavoidable	
114	160	214	80	Provisional filli	ng fee		141	1,300	241	650	Petition to revive - unintentional	
							142	1300	242	650	Utility issue fee (or reissue)	
		SU	IBTOTA	L (1)		(\$) 750.00	143	470	243	235	Design issue fee	
CVT	A CL A	M FEES					144	630	244	315	Plant issue fee	
2. EAIF	IA CLAI	IVI FEES		Extra	Fee from	Fee	122	130	122	130	Petitions to the Commissioner	
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ependent Large	Entity	y Small	Entit	ty		l L	146	750	246	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Descri	ption		149	750	249	375	For each additional invention to be examined (37 CFR § 1.129(b))	
103	18	203	9	Claims in e			179	750	279	375	Request for Continued Examination (RCE)	
102	84	202	42	Independer			1,,,,					<u> </u>
104 109	280 84	204 209	140 42		ndependent	m, if not paid t claims over	169	900	169	900	Request for expedited examination of a design application	
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SUBMITTED BY		00/11		Co	mplete (if applicable)
Name (Print/Type)	John A. Castellano	Registration No.	(tto/ney/Agent) 35,094	Telephone	703-668-8000
Signature	1		1/.	Date	September 5, 2003

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